



**Division of Community and Public Health**

[CDC WNV Cases Maps and Data \(updated weekly\)](#)

**Missouri Department of Health and Senior Services  
2019 Reports of Mosquito-borne Disease in Humans  
Week 52  
Ending December 28, 2019**

**Total verified domestic human mosquito-borne disease cases: 5  
Total verified domestic mosquito-borne disease-related fatalities\*: 0**

**PLEASE NOTE: This official case count reported by Missouri Department of Health and Senior Services may include cases still under investigation or in various stages of testing, including supplemental or confirmatory laboratory testing. These results are preliminary and subject to change.**

**Table 1: West Nile virus and other domestic arboviruses**

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Fatality*	Hospitalized
West Nile	Probable	Yes	Phelps County	Not imported	05/27/2019	No	Yes
West Nile	Probable	Yes	St. Louis City	Not Imported	08/08/2019	No	Yes
West Nile	Confirmed	Yes	St. Louis City	Not Imported	09/09/2019	No	Yes
West Nile	Confirmed	Yes	St. Louis City	Not Imported	10/22/2019	No	Yes
West Nile	Probable	Yes	Boone County	Not Imported	06/26/2019	No	Yes

**Summary of Domestic Human Mosquito-borne Disease  
Cases Reported by Local Health Agency**

Local Health Agency	Number of Reported Cases
Phelps County	1
St. Louis City	3
Boone County	1

**Table 2: Imported Chikungunya virus infections**

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality*	Hospitalized
Chikungunya	Probable	Yes	Acquired Out of Country	9/16/2019	No	No

**Table 3: Imported Dengue infections**

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
Dengue	Probable	Yes	Acquired Out of Country	7/2/2019	No	Yes
Dengue	Confirmed	Yes	Acquired Out of Country	7/28/2019	No	No
Dengue	Confirmed	Yes	Acquired Out of Country	8/20/2019	No	No
Dengue	Probable	Yes	Acquired Out of Country	10/23/2019	No	No
Dengue	Confirmed	Yes	Acquired Out of Country	10/24/2019	No	No
Dengue	Confirmed	Yes	Acquired Out of Country	10/26/2019	No	Yes
Dengue	Probable	Yes	Acquired Out of Country	10/25/2019	No	No

**Table 4: Imported Zika infections**

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Table 5: Heartland infections**

Arbovirus	Case Status	Laboratory Confirmed	County Name	Onset Date	Fatality*	Hospitalized
Heartland	Confirmed	Yes	Jasper County	4/17/2019	No	Yes

- WNV** = West Nile virus
- SLE** = St. Louis encephalitis virus
- DEN** = Dengue virus
- EEE** = Eastern Equine encephalitis virus
- CHIK** = Chikungunya virus
- ZIKA** = Zika virus
- N/A** = Information not available

\*The immediate causes of death in patients with West Nile and other related viral encephalitis commonly include pneumonia, heart attack, pulmonary embolism, septicemia, etc., rather than direct neurological damage or dysfunction, per se. For some individuals with serious pre-existing health problems, West Nile virus infection is a contributory cause of death.

**Contact us at:**  
 Section for Disease Prevention  
 P.O. Box 570, 930 Wildwood Drive  
 Jefferson City, MO 65102-570  
 Phone: 573-526-4780 Fax: 573-526-0235  
 Toll Free: 1-866-628-9891